



The International Amateur Radio Union

Since 1925, the Federation of National Amateur Radio Societies
Representing the Interests of Two-Way Amateur Radio Communication

ELFIN A

29 June 2015

Brent Corbin

Dear Brent

Thank you for the frequency coordination request. We have discussed your request and have agreed on the following frequency:

Downlink 437,450 MHz telemetry

Uplink 145,960 MHz command

Please let us know what the final launch date is. It is important to establish what other satellites using amateur frequencies are on the same launch as duplication can occur and frequencies have to be changed at the last minutes to prevent interference immediate after launch.

Please note that all frequencies in the amateur satellite service are shared frequencies. We have attempted to make the best possible selection for your project.

You are also referred to the ITU requirements for satellites. We have prepared an easy reference document which is available on www.iaru.org/satellite, it will assist you to comply with the ITU requirements for Amateur satellites. Please advise me the API details once you have received the information from your regulator.

Please also read the "controlling satellites" document available on www.iaru.org/satellite

While coordinating the frequencies noted above, we also note that use of frequencies as described in your request for frequency coordination appears inconsistent with numbers 1.56 and 1.57 of the ITU radio regulations.

RR 1.56 *amateur service*: A radiocommunication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorized **[licensed]** persons **[individual natural people]** interested in radio technique solely with a personal aim **[for themselves]** and without pecuniary interest **[compensation]**.

IARU Satellite Adviser: Hans van de Groenendaal ZS6AKV

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Visit www.iaru.org/satellite for guidelines and important information



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(NOTE1: Explanatory terms in brackets are not part of the treaty text.),

(NOTE2: “ without pecuniary interest” means that you may accept free will donations of goods and services, that is, with nothing required in return. However, you may not accept money or other compensation for services or data provided to anyone for any reason.)

RR 1.57 amateur-satellite service: A radiocommunication *service* using *space stations* on earth *satellites* for the same purposes as those of the *amateur service*.

We strongly suggest consulting with your administration (telecommunication regulator) to determine if the amateur-satellite service or another radiocommunication service is appropriate for your operation. The decision of whether the proposed operation is appropriate for the amateur-satellite service rests entirely with your administration. We encourage you to share this letter with them.

Best wishes for a successful project. Please keep us informed of developments and progress.

Hans ZS6AKV

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